

## 32-1126: DEFB118 Recombinant Protein

**Alternative Name :** Beta Defensin 118, Beta-defensin 18, DEFB-18, Defensin, beta 118, Epididymal secretory protein 13.6, ESP13.6, DEFB118, C20orf63, DEFB18, ESC42, Beta-defensin 118 precursor.

### Description

Source : Escherichia Coli. DEFB118 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 126 amino acids (21-123 a.a) and having a molecular mass of 13.8kDa. DEFB118 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Beta Defensin 118 (DEFB118) which is a member of the beta subfamily of defensins, is found in a cluster with other beta-defensin genes on the long arm of chromosome 20. Beta-defensins are antimicrobial peptides which provide protection for tissues and organs from infection by a diversity of microorganisms. DEFB118 protein's expression is regulated by androgen, and the encoded protein binds to sperm and exhibits antibacterial activity.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** DEFB118 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSYSGEKKC WNRSGHCRKQ CKDGEAVKDT CKNLRACCIP SNEDHRRVPA TSPTPLSDST PGIIDDILTV RFTTDYFEVS SKKDMVEESE AGRGTETSLP NVHHSS.

